AGENCY



DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 (510) 337-9335 (FAX)

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 3956 - 111 98th Avenue, Oakland, CA (1-2,000 gallon gasoline tank removed in Oct 14, 1993)

July 28, 1997

Mr. David Flett Douglas Parking Co. 111 98th Ave Oakland, CA 94603

Dear Mr. Flett:

This letter confirms the completion of site investigation and remedial action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Section 2721(e) of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely.

Mee Ling Tung, Director

cc: Chief, Division of Environmental Protection

Kevin Graves, RWQCB

Dave Deaner, SWRCB (with attachment-case closure summary)

Leroy Griffin, OFD files-ec (airparks)

ALAMEDA COUNTY

HEALTH CARE SERVICES

AGENCY



DAVID J. KEARS, Agency Director

StID 3956

July 28, 1997

Mr. David Flett Douglas Parking Co. 111 98th Ave Oakland, CA 94603 ENVIRONMENTAL HEALTH SERVICES 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 (510) 337-9335 (FAX)

Re: Fuel Leak Site Case Closure for Air Park at 111 98th Ave, Oakland, CA 94603

Dear Mr. Flett:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Protection Division is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- o residual soil contamination (at 520ppm TPHg and 6.4ppm benzene) remain in the vicinity of the former tank, and
- residual groundwater contamination at ~180ppb benzene was detected in February 1997 from the former well MW-1.

If you have any questions, please contact me at (510) 567-6762.

eva chu

Hazardous Materials Specialist

enlosure:

- 1. Case Closure Letter
- 2. Case Closure Summary
- c: Frank Kliewer, City of Oakland-Planning, 1330 Broadway, 2nd Floor, Oakland, CA 94612 files (airpark.10)

CASE CLOSURE SUMMARY Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION Date: May 8, 1997

Agency name: Alameda County-HazMat Address: 1131 Harbor Bay Pkwy

City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700 Responsible staff person: Eva Chu Title: Hazardous Mater Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Air Park

Site facility address: 111 98th Ave, Oakland, CA 94603

RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 3956

URF filing date: 5/1/97 SWEEPS No: N/A

Responsible Parties: <u>Addresses:</u> Phone Numbers:

David Flett 111 98th Ave

Douglas Parking Co Oakland, CA 94603

Tank Size in Contents: Closed in-place Date: No: gal.: or removed?: 1

2,000 Gasoline 10/14/93 Removed

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown Site characterization complete? YES

Date approved by oversight agency: 4/7/97

Monitoring Wells installed? Yes Number:

Proper screened interval? Yes

Highest GW depth below ground surface: 2.63' Lowest depth: 6.05'

Flow direction: SW

Most sensitive current use: Commercial

Are drinking water wells affected? No Aquifer name: Unknown Is surface water affected? No Nearest affected SW name: NA Off-site beneficial use impacts (addresses/locations): None

Report(s) on file? YES Where is report(s) filed? Alameda County 1131 Harbor Bay Pkwy Alameda, CA 94502



Treatment and Disposal of Affected Material:

Material	erial Amount Action (Treatment (include units) or Disposal w/destination)			
Tank	1 UST	Disposed by Erickson, in Richmond	10/14/93	
Piping Soil	~120 cy	TriCity Disposal in Fremont	8/15/94	

Maximum Documented Contaminant	Contaminant Concer Soil (ppm Before Aft	a) Water	
TPH (Gas) TPH (Diesel)	180 52	14,000	520
Benzene Toluene Ethylbenzene Xylenes MTBE		6 1,100	180 1.3 5.7 4.3 100
Heavy metals Lead	N	ND	

NOTE: 1 soil sample collected from tank pit at time of UST removal, 10/93

soil sample collected from soil borings advanced around tank excavation,

12/95
3 "grab" water sample from soil borings advanced around tank excavation,

4 recent groundwater sample from well MW-1, 2/97

Comments (Depth of Remediation, etc.):

See Section VII, Additional Comments, etc...

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan?

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan?

Does corrective action protect public health for current land use? YES Site management requirements: A site safety plan is required if there will be trenching or excavation in the vicinity of the former UST.

Should corrective action be reviewed if land use changes? YES Monitoring wells Decommissioned: No, pending site closure

Number Decommissioned: 0 Number Retained: 1

List enforcement actions taken: None

List enforcement actions rescinded: NA

٧. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

USZI Signature:

5/8/97 Date:

Reviewed by

Amy Leech Name:

Title: Haz Mat Specialist

Signature: Keek

Date: 4/30/97

Name: Thomas Peacock Title: Supervisor

Signature:

VI. RWQCB NOTIFICATION

Date Submitted to RB: 5/9/97

RB Response: Aproved

RWQCB Staff Name: Kevin Graves

AWRCE Title:

Signature: <

Date: 5/16/97

VII. ADDITIONAL COMMENTS, DATA, ETC.

The site is currently a paved parking lot, serving airline passengers requiring long term parking.

A 2,000 gallon gasoline UST was removed in October 1993. The tar wrapping from the upper half of the UST had dissolved. Otherwise, the tank appeared in good condition, without corrosion or holes. Two sidewall soil samples (1 from the pit bottom, 1 from beneath the former dispenser) were collected and analyzed for TPHg and BTEX. A maximum of 180 ppm TPHg, and 0.47, 2.8, 1.7, and 9.6ppm BTEX, respectively, were identified. (See Figs 1, 2, and Table 1)

The pit was overexcvated, removing an additional 80cy of impacted soil. One soil sample (01) was collected from the pit bottom at ~13'bgs, and a soil sample (02) was collected from the sidewall beneath the former pump dispenser at ~10'bgs. The soil samples did not contain TPHg or BTEX above the detection limit. (See Fig 3, Table 2)

Based on groundwater flow direction from an adjoining site (at 121 98th Ave), one groundwater monitoring well (MW-1) was installed southeast of the former tank pit (see Fig 4). A soil sample was collected at 3.5'bgs from the boring. The soil contained 98ppm TPHg, and 0.56, 0.95, 1.5, and 6.7ppm BTEX, respectively. Total lead was not detected. The water sample contained 710ppb TPHg, and 70, 72, ND, and 77ppb BTEX, respectively. Table 3 and 4)

After five consecutive quarters of groundwater sampling (8/94 to 10/95), elevated TPHg and BTEX were still detected in well MW-1. A total of ten soil borings (SB-A through SB-J) were advanced in December 1995 and February 1996 to further delineate the extent of soil and groundwater contamination at the site. Contamination was only identified in soil and groundwater from boring SB-B at 5'bgs and 6' bgs, respectively. Trace levels of TPHg and benzene were also found in groundwater from boring SB-A. (See Fig 5, Table 5 and 6)

It appears soil and groundwater contamination is limited to the immediate vicinity of, and north and east of the former UST excavation. The site is underlain with silty clay to a depth of 14'bgs (see boring log). The low permeability soils at the site appears to be limiting plume migration.

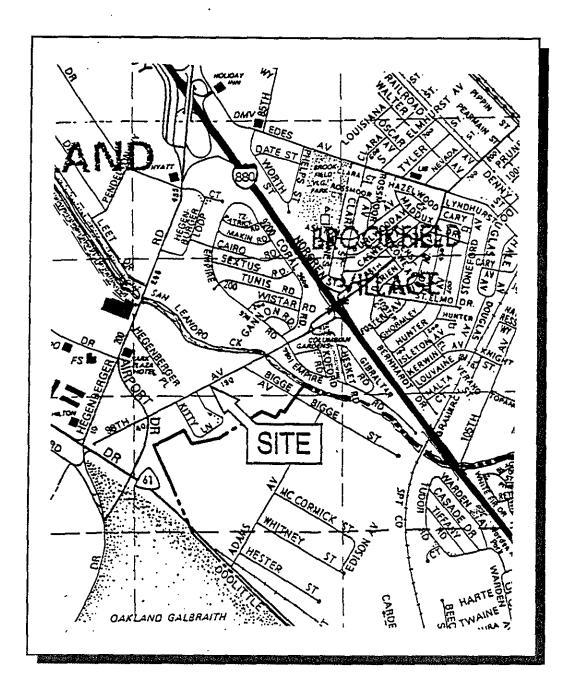
After 8 sampling events (8/94 to 2/97) contaminant concentrations in well MW-1 appear to be decreasing and/or have stabilized (see Table 7). A maximum of 1,300ppb benzene detected in groundwater and 0.56ppm detected in soil from well MW-1 should not pose a health risk via groundwater/soil vapor intrusion from groundwater/soil to buildings in excess 10⁻⁴ for a commercial scenario (from ASTM RBCA Tier 1 Look Up Table). Values for the risk analysis were selected from well MW-1 rather than SB-B (where higher residual contaminants were identified) because of the proximity of well MW-1 to the office building. Boring SB-B is ~35' from the office building. There are no municipal or domestic wells within a quarter mile of the site. The nearest surface water is ~one-half mile away.

In summary, case closure is recommended because:

- the leak and ongoing sources have been removed;
- the site has been adequately characterized;
- the dissolved plume is not migrating;
- o no water wells, surface water, or other sensitive receptors are likely to be impacted; and,
- the site presents no significant risk to human health or the environment for current use scenario.

airpark7







Site Location Map
Douglas Air Park
111 98th Avenue
Oakland, California

FIGURE

1

AIR PANK mon OSSONI 6ft Regrh Scoul Town 2000 gal sour

sample locations

F16 2

TOTAL P.04

מבאסטבופאר הציחות הורחותונו האליריניים אוויים בברבובאר



Superior Precision Analytical, Inc.

1555 Burke, Unit 1 * San Francisco, California 94124 * [415] 647-2081 / fax [415] 821-7123

Table 1

Decon Environmental Services

Attn: Wayne Gathright

Project AIR PARK 1110 Reported 10/22/93

TOTAL PETROLEUM HYDROCARBONS

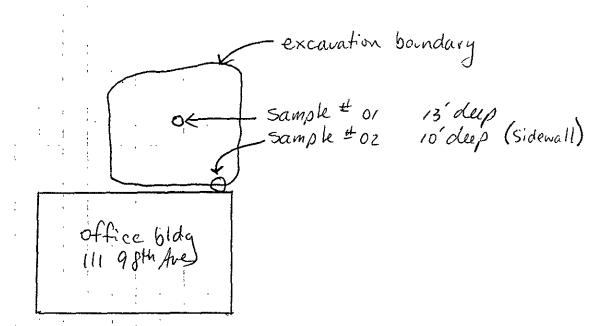
Lab #	Sample Identification	Sampled	Analyzed Matrix
90291- 1	85001	10/14/93	10/21/93 Soil
90291- 2	SS002	10/14/93	10/20/93 Soil
90291- 3	SS003	10/14/93	10/21/93 Soil
90291- 4	SS004	10/14/93	10/20/93 Soil

RESULTS OF ANALYSIS

Laboratory Number:	90291- 1	90291- 2	90291- 3	90291- 4
--------------------	----------	----------	----------	----------

Gasoline:	42	4	180	2
Benzene:	0.47	0.025	0.34	0.012
Toluene:	0.52	0.081	2.8	0.078
Ethyl Benzene:	0.83	0.11	1.7	0.054
Total Xylenes:	4.0	0.60	9.6	0.38
4-BFB & Recovery:	78	72	72	100
Concentration:	mg/kg	mg/kg	mg/kg	mg/kg

1-1-1-1-1-1-1-1-1



Stockpile Samples (2100 ydo³)

> 0 0 # 04 # 06

O

FIG3



(415) 364-9600 • FAX (415) 364-9233

Table 2

DECON Environmental Services 23490 Connecticut Street Hayward, CA 94545

Sample Matrix: Analysis Method:

Sol EPA 5030/8015/8020

Sampled: Nov 11, 1 Reported:

Nov 11, 1983 Nov 11, 1993 Dec 1, 1993

Attention: Tom Reese

First Sample #:

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

10 time and						
Analyte	Reporting Limit mg/kg	Sample I.D. 3K95301 01	Sample LD. 3K95302 02	Sample I.D. 3K95303 03,04(Comp)	Sample 1.D. 3K95304 05,08(Comp)	
Purgeable Hydrocarbons	1.0	N.D.	N.D.	40	120	
Benzene	0.0050	N.D.	N.D.	N.D.	N.D.	
Toluene	0.0050	N.D.	N.D.	N.D.	0.14	
Ethyl Benzene	0.0050	N.D.	N.D.	0.12	0.64	
Total Xylenes	0.0050	N.D.	N.D.	0.21	7.2	
Chromatogram P	attem:			Gas	Gas	

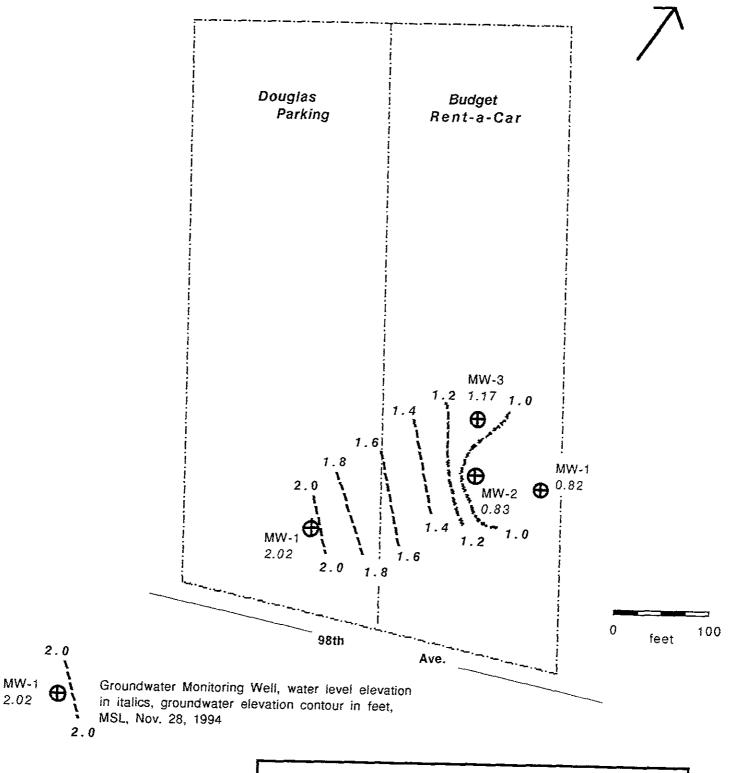
Continue Control Date	* Coelution confirmed						
Quality Control Data Report Limit Multiplication Factor:	1.0	1.0	10	10			
Date Analyzed:	11/29/93	11/29/93	11/29/93	11/30/93			
Instrument Identification:	GCHP-18	GCHP-18	GCHP-18	GCHP-6			
Surrogate Recovery, %: (QC Limits = 70-130%)	87	87	117	*141			

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard. Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOTA ANALYTICAL

Aporea Folcher Project Manager 3K95301.DEC <1>





GEN TECH ENVIRONMENTAL, INC. SAN JOSE, CA Site Plan and Groundwater Contour Map, Nov. 28, 1994 Douglas Parking 111 98th Avenue

Oakland, CA

Project No. 9433 Scale: 1" = 100' Date: Nov., 1994

FIGURE 4 5

Chemical Analysis and Results

Five soil and one groundwater samples were analyzed at AMER, a State certified analytical laboratory. The four soil stockpile samples samples were composited tested for the following; Total Petroleum hydrocarbons as Gasoline (TPHG), Benzene (B), Toluene (T), Ethylbenzene (E), Xylene (X), and RCI (EPA Methods 9010, 150.1, 9030 and 1010). One soil sample and one groundwater sample were analyzed for TPHG and BTEX and Total Lead using EPA Methods 3550, 3510/8015, 8020 and 6000/7000. The results are attached (see Appendix D) and listed below in Tables 1 and 2.

24		
TABLE SOIL	CHEMICAL	DATA

Sample No.	TPHG	B . m	T g/kg	E	X Cn mg/kg	Cor. Sul. Ign. units mg/kg ªC
S/P#1A-D	ND	ND	ND	ND	ND ND	8.8 ND Neg.
Sample No.	TPHG mg/kg	B	T all	E ug/kg	. X	Total Lead mg/kg
MW-1@3.5'	98	560	950	1,500	6,700	ND

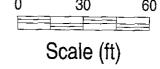
1

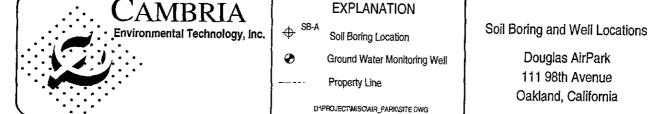
	TABLE FOROU	FAWDI	TER CHEMICA	L DATA	exceeded	. holden
Sample No.	TPHG	В	T ug/i -	E	X	
MW-1	710	70	72	ND	77	
~ ~ ~	ed ram per kilogram ram per kilogram	ign.	Cyanide - Ignitability - Negative		Corrosivity Sulfide	

ug/l - microgram per liter

Discussion

Soil samples collected from the borehole indicate that the contaminants are localized in the capillary fringe in the vicinity of the former tank location. Excavation in the tank area has apparently removed the contaminated soil. A relatively slow groundwater movement is inferred from the groundwater measurement data. Overall site groundwater movement is northerly to northeasterly under a flat gradient. A small groundwater mound in the vicinity of Budget wells MW-1 and MW-2 is inferred to be caused by water in a former tank excavation.





Douglas AirPark 111 98th Avenue



Table Historic Soil Analytic Data - Douglas Air Park, 111 98th Street, Oakland, California

Well ID	Date Sampled	Sample Depth (ft)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	Notes
	Sampled	(11)		Concentrat	ions in parts per mill	ion (mg/kg)		
Decon Confi	mation Samples							
SS001	10/14/93	6	42	0.47	0.52	0.83	4.0	
SS002	10/14/93	7	4	0.025	0.081	0.11	0.60	
SS003	10/14/93	3	180	0.34	2,8	1.7	9.6	
SS004	10/14/93	11	2	0.012	0.078	0.054	0.38	
#01	11/11/93	13	<1.0	<0.005Å	< 0.0050	<0.0050	<0.0050	
#02	11/11/93	10	<1.0	< 0.0050	<0.0050	<0.0050	<0.0050	
Gen Tech We	ell Installation Sampl	e						
MW-1	7/28/94	3.5	98	0.56	0.95	1.5	6 7	
Cambria Sub	surface Investigation	ı Samples						
SB-A	12/11/95	5.0	<1.0	<0.005	< 0.005	<0.005	<0.005	
SB-B	12/11/95	5.0	520	6 4	8.6	9.4	32	a
SB-C	12/11/95	5.0	<1.0	< 0.005	< 0.005	< 0.005	<0.005	ű
SB-D	12/11/95	5.0	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	
SB-E	12/11/95	5.0	<1.0	< 0.005	< 0.005	< 0.005	<0.005	
SB-F	12/11/95	6.0	<1.0	<0.005	< 0.005	< 0.005	<0.005	
SB-G	12/11/95	8.0	<1.0	<0.005	< 0.005	<0.005	<0.005	
Abbreviations			Notes					
Decon = Deco	petroleum hydrocarbo n Environmental Serv en Tech Environment	ices, Inc.	Benzene, ethylbenze	modified EPA Method ene, toluene and xylend reakly modified gasolin	s analyzed by EPA	Method 8020		

Table . Grab Ground Water Analytic Data - Douglas Air Park, 111 98th Street, Oakland, California

Well	Date Sampled	Depth to Water (ft)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	Notes
ID Sampled (ft) Concentrations in parts per billion (µg/L)								
SB-A	12/11/95	~6	65	0.56	0.56	<0.5	<0.5	c,i
SB-B	12/11/95	~6	14,000	3,700	1,100	460	1,300	a,i
SB-C	12/11/95	~6	<50	0.60	<0.5	<0.5	<0.5	i
SB-D	12/11/95	~6	<50	<0.5	<0.5	<0 5	<0.5	i
SB-E	12/11/95	~6	<50	<0.5	<0.5	<0.5	<0.5	i
SB-F	12/11/95	~6	<50	<0.5	<0.5	<0.5	<0.5	i
SB-G	12/11/95	~6	<50	<0.5	<0.5	<0.5	<0.5	i
SB-H	2/14/96	~2.5	<50	<0.5	<0.5	<0 5	<0.5	i
SB-I	2/14/96	~2.5	<50	<0.5	<0.5	<0.5	<0.5	
SB-J	2/14/96	~2.5	<50	<0.5	<0.5	<0.5	<0.5	

Abbreviations

TPHg = Total petroleum hydrocarbons as gasoline ND = not detected

--- = not analyzed

Notes

TPHg analyzed by modified EPA Method 8015

Benzene, ethylbenzene, toluene and xylenes analyzed by EPA Method 8020

a = unmodified or weakly modified gasoline is significant

c = lighter gasoline range compounds (the most mobile fraction) are significant

i = sample contained greater than ~ 5 vol. % sediment

én Tech Environmental, Inc. San Jose, CA

project No. 9433 Boring/Well No. MW-1

Client: Douglas Parking Date Drilled: July 28, 1994 Location: 11 98th Ave., Oakland, CA Logged by: EL Drilling Method: Hollowstem Permit: Zone 7 #94422

Water Levels: 1st Enc:13.12 observed Static: 9.50

Exploratory Boring Log

Borehole Completion

Well Installed: 2" dia. Sch 40 PVC Total Depth: 14.1' Casing Depth: 14.1' Screen Length: 10' 0.02" Blank Length: 4'

Top Sand Pack: 3.5' (2/12)Top Bentonite: 2'

· wil

Grout Seal: 2' to 0.5' vault box

Sample No. H	an	Blow Count	Sampl	Depth	Lithology Log	Well Detail/ Backfill
			"[Asphalt Pavement and Sub Base	
1	:50 pm	7			CL - Silty CLAY, black [N](2.5/), 15% fine sand dissem., up to 30% silt, medium plasticity, stiff, damp.	
5' P	100 pm	2		5 -	SM - Silty SAND, dark greenish gray [N] (3/),30% silt moderate petroleum odor, loose, very moist.	
e, b	:100 pm	11			CL-CH - Silty CLAY, very dark gray [N[(3/), highly plastic, root holes and fragments,	
8'	trace ND	8 21		10	product sheen in burrows, moist; silty sand interbed at 7.5' to 8.5' very fine sand, 25% silt, loose, moist to saturated.	
10'	ND	21			contamination not observed below 10.5 feet stiff and moist from 12'-13'; appears damp 13'-14'.	
				_ 15	Bottom of Boring = 14.1 feet Water enters borehole very slowly	
					Han - refers to the Hanby Field Analytical Chemical colormetric test for hydrocarbons	

Table & Ground Water Elevation and Analytic Data - 111 98th Avenue, Oakland, California

Date	Well	Ground	Ground	TPHg	Benzene	Toluene	Ethylbenzene	Xvlenes	MTRF	Notes
	Elevation	Water Depth	Water Elevation				•	,	111100	140103
	(TOC: ft-msl)	(ft)	(ft-msl)			(Concentra	tions in ppb)			
									·	
8/3/94		4.75								
8/18/94		4.53	^=	710	70	72	hd			
11/23/95	4.65	2 63	2 02	3,300	700					
3/3/95	4.65	3 64	1 01							
7/11/95	4 65	4.90	-0.25	-						
10/27/95	4.65								~~	
12/1/95	4.65	6.05	-1.40	·			15	27	~-	
2/14/96										
					1,300	20	140	170		
2/6/97	4.65	5.70	-1.05	170	31	5.0 1.3	4.9	9.3		
	8/3/94 8/18/94 11/23/95 3/3/95 7/11/95 10/27/95 12/1/95 2/14/96 8/14/96	Elevation (TOC: ft-msl) 8/3/94 8/18/94 11/23/95 4.65 3/3/95 4.65 7/11/95 4.65 10/27/96 4.65 12/1/95 4.65 2/14/96 4.65 8/14/96 4.65	Elevation (TOC: ft-msi) Water Depth (it) 8/3/94 4.75 8/18/94 4.53 11/23/95 4.65 2.63 3/3/95 4.65 3.64 7/11/95 4.65 4.90 10/27/95 4.65 12/1/95 4.65 6.05 2/14/96 4.65 5.41 8/14/96 4.65 5.70	Elevation (TOC; ft-msi) Water Depth (ft) Water Elevation (ft-msi) 8/3/94 4.75 8/18/94 4.53 11/23/95 4.65 2.63 2.02 3/3/95 4.65 3.64 1.01 7/11/95 4.65 4.90 -0.25 10/27/95 4.65 12/1/95 4.65 6.05 -1.40 2/14/96 4.65 5.41 -0.76 8/14/96 4.65 5.70 -1.05	Elevation (TOC; ft-msi) Water Depth (ft) (ft-msi) 8/3/94 4.75 8/18/94 4.53 710 11/23/95 4.65 2.63 2.02 3,300 3/3/95 4.65 3.64 1.01 1,900 7/11/95 4.65 4.90 -0.25 2,100 10/27/95 4.65 1,200 12/1/95 4.65 6.05 -1.40 2/14/96 4.65 5.41 -0.76 4,000 8/14/96 4.65 5.70 -1.05 170	Elevation (TOC: ft-msl) Water Depth (ft) (ft-msl) 8/3/94 4.75 8/18/94 4.53 710 70 11/23/95 4.65 2.63 2.02 3,300 700 3/3/95 4.65 3.64 1.01 1,900 400 7/11/95 4.65 4.90 -0.25 2,100 450 10/27/95 4.65 1,200 470 12/1/95 4.65 6.05 -1.40 2/14/96 4.65 5.41 -0.76 4,000 1,300 8/14/96 4.65 5.70 -1.05 170 31	Elevation (TOC: ft-msl) Water Depth Water Elevation (II) (ft-msl) (Concentral	Elevation (TOC: ft-msl) Water Depth (ft) (ft-msl) (Concentrations in ppb) 8/3/94 4.75	Elevation (TOC: ft-mst) Water Depth (ft) (ft-mst) (Concentrations in ppb) 8/3/94 4.75 710 70 72 nd 77 11/23/95 4.65 2.63 2.02 3,300 700 84 39 770 3/3/95 4.65 3.64 1.01 1,900 400 55 180 nd 7/11/95 4.65 4.90 -0.25 2,100 450 69 48 210 10/27/95 4.65 6.05 -1.40 1,200 470 21 15 27 12/14/96 4.65 5.41 -0.76 4,000 1,300 20 140 170 8/14/96 4.65 5.70 -1.05 170 31 50 20	Elevation (TOC; ft-mst) Water Depth (ft-mst) (ft-mst) (Concentrations in ppb)

Notes and Abbreviations

-- = Well not sampled or data not available.

ppb = Parts per billion which is equivalent to micrograms per liter in ground water.

TPHg = Total petroleum hydrocarbons as gasoline by Modified EPA Method 8015.

Benzene, Toluene, Ethylbenzene and Xylenes by EPA Method 8020.

MTBE = Methyl tertiary butyl ether by EPA Method 8020.